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## B.Arch. Seventh Semester (Architecture) (Old) Environmental Sanitation & Services: 7 SA 4

AU - 3136 P. Pages: 1 Max. Marks: 40 Time: Two Hours Notes: 1. All question carry marks, as indicated. Answer three question. Question No. three is compulsory. 3. 4. Due credit will be given to neatness and adequate Dimensions. Assume suitable data wherever necessary. 5. Illustrate your answer necessary with the help of neat sketches. 6. 7. Use of pen Blue/Black ink/refill only for writing book. Describe with the help of neat sketch the Natural methods of sewage disposal? 7 1. a) Describe with neat sketch the infiltration Galleries and Infiltration wells? b) 6 OR 2. Describe with neat sketches the various surface sources of water supply? a) 6 Explain the term "Water Pollution" and state the preventive measures to avoid them? 7 bì Describe with neat sketches any three of the following of 3. 14 Water purification methods 2) Sewage sickness 3) Gobar-Gas plant Water-Demand 4) Soak pit. 51 4. Describe with neat sketches the storm water disposal systems? 6 a) Why sewage treatment is necessary and explain any three methods used in sewage 7 b) treatment? OR Describe with neat sketches the recycling methods used for Garbage disposal? 7 5. a) Explain any one of the following:-6 b) Sewage disposal in unsewered localities Oxidation-pond \*\*\*\*\*

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